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**Subject:** FW: Additional Supporting Information for Benthic Risk Evaluation Posted  
**Date:** 01/19/2010 02:25 PM

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Eric, Chip,

Please see below from Helle Andersen.

The additional supporting information for the benthic risk evaluation has been posted at the following location:

PHCP Files | Documents Under Review | 2010-01-22\_Additional Supporting Info for Benthic Risk Eval

Thank you,  
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**From:** Helle Andersen [<mailto:HelleA@windwardenv.com>]  
**Sent:** Tuesday, January 19, 2010 1:17 PM  
**To:** Jennifer Woronets; John Toll  
**Cc:** Jennifer Woronets  
**Subject:** RE: Additional Supporting Info for Benthic Risk Evaluation

Eric,

In response to your e-mail dated 1/12/2010 we have posted additional FPM and LRM output files on the LWG server (PHCP Files | Documents Under Review | 2010-01-22\_Additional Supporting Info for Benthic Risk Eval).

The files are as follows:

- 1) All the final versions of the LRM outputs
- 2) The FPM output files for the EPA 2009 model including the model runs for the individual endpoints
- 3) The FPM output files for the Calcasieu BERA model including the model runs for the individual endpoints.

We hope these additional files provide the information you are looking for. Please contact us if you have any questions before the meeting.

Helle

Towards that end, some of our benthic risk evaluation reviewers have identified some additional data needs to facilitate our review. This goes beyond the information that was provided on November 11, 2009 pursuant to our October 9, 2009 request.

1) We need to ensure that we have the final versions of outputs of all of logistic regression model runs performed as part of the benthic risk evaluation. This includes models that were run but rejected as not being predictive of toxicity for one reason or another. We have the older versions, but not the newest ones with the correct (at least according to us) reference envelope definition. The correct reference envelope definition affects all of the hit / no hit definitions, thus affecting all of the model output and predictions.

2) In order to finish the review of the Portland Harbor SQGs, we need the floating point files from the EPA 2009 model. Although the files were submitted for the original "draft BERA" model (the LWG's recommended model) files should also be submitted for the EPA 2009 model. This will facilitate agency review of the hit / no hit distributions using the new reference envelope definitions. The submittal should include model runs for each individual endpoint, including *Hyaella* biomass. The "Reanalysis Memo" excluded this endpoint from the final EPA 2009 model results.

It would be helpful if this information can be provided prior to the January 22, 2010 meeting.